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KENTUCKY WEEKLY CROP & WEATHER REPORT



In Cooperation with:
Univ. of Ky - Agr'l Weather Center
U.S. Dept. of Commerce - NOAA
Kentucky Department of Agriculture
Cooperative Extension Service

LELAND E. BROWN, Director

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2-10

AGRICULTURAL NEWS: Another week of warm weather was interrupted by light frost late in the week in central and eastern Kentucky. Scattered showers were received at midweek over most of the state but Kentucky has received below normal rainfall for the 12th week this year. Temperatures averaged 61 degrees which was 7 degrees above normal and 2 degrees warmer than the previous week. Rainfall amounts for the week ranged from .12 inches to 1.6 inches with an average of .67 inches statewide. **Topsoil moisture** was rated 3 percent very short, 16 percent short, 62 percent adequate and 19 percent surplus. **Subsoil moisture** was rated 2 percent very short, 13 percent short, 73 percent adequate and 12 percent surplus. Days suitable for fieldwork averaged 5.1 out of a possible seven. Western Kentucky has received more moisture than the rest of the state for the last several weeks and heavy rains have flooded a few low lying fields. Lack of rain is beginning to be a concern in other areas of the state. Major farm activities this week included topdressing wheat, applying fertilizer, plowing, seeding tobacco transplants and planting corn. Growers report that light frost has not affected fruit crops, with about 40 percent of fruit trees in bloom.

CORN: Planting progressed to 10 percent complete as of Sunday, April 11, well ahead of last year's 2 percent and close to the five year average of 12 percent. With current conditions corn planting should make excellent progress this week. A few producers were waiting for soil temperatures to rise before planting the crop.

TOBACCO: As of April 11, 81 percent of the greenhouse and plant bed seeding had been

completed, very similar to 82 percent last year and the five year average of 80 percent. About 41 percent of the transplants had emerged, somewhat behind the 50 percent a year ago and the average of 51.

WHEAT AND PASTURE: Fall seeded wheat remains in mostly good condition with 2 percent rated very poor, 2 percent poor, 19 percent fair, 59 percent good, and 18 percent excellent. The average height of wheat at the end of the week was 9 inches. Pasture condition was reported as 2 percent very poor, 10 percent poor, 22 percent fair, 56 percent good, and 10 percent excellent.

CROP PROGRESS for week ending 04/11/10

| Crop Stage | This Week | Last Week | Last Year | 5-Yr Avg |
|---------------------|-----------|-----------|-----------|----------|
| Percent | | | | |
| Tobacco Transplants | | | | |
| Seeded | 81 | 65 | 82 | 80 |
| Emerged | 41 | NA | 50 | 51 |
| Corn Planted | 10 | NA | 2 | 12 |

SOIL MOISTURE for week ending 04/11/10

| | Very Short | Short | Adequate | Surplus |
|---------|------------|-------|----------|---------|
| Percent | | | | |
| Topsoil | 3 | 16 | 62 | 19 |
| Subsoil | 2 | 13 | 73 | 12 |

CROP CONDITIONS for week ending 04/11/10

| Crop | Very Poor | Poor | Fair | Good | Ex |
|---------|-----------|------|------|------|----|
| Percent | | | | | |
| Wheat | 2 | 2 | 19 | 59 | 18 |
| Pasture | 2 | 10 | 22 | 56 | 10 |

KENTUCKY WEATHER SUMMARY, APRIL 5 - 11, 2010:

Above Normal Temperature and Below Normal Rainfall:

Another warm and dry week made this the 5th straight week with at or above normal temperature, and the 12th week this year with below normal precipitation. This also was the 4th straight week that the western portions of the state received a considerable amount more rainfall than the rest of the state. The only traces of rainfall for the week came from a cold front sweeping east, which moved in late Wednesday early Thursday. Despite the warm temperatures nearly everyday the Commonwealth did experience some overnight lows around freezing. This was caused by the passing of the cold front and produced some frost for mainly the central and eastern parts of the state.

Temperatures for the period averaged 61 degrees across the state which was 7 degrees above normal and 2 degrees warmer than the previous week. High temperatures averaged from 73 in the West to 74 in the East. Departure from normal high temperatures ranged from 4 degrees above normal in the West to 11 degrees above normal in the East. Low temperatures averaged from 51 degrees in the West to 49 degrees in the East. Departure from normal low temperature ranged from 8 degrees above normal in the West to 6 degrees above normal in the East.

Rainfall for the period totaled 0.67 inches statewide which was 0.31 inches below normal. Rainfall totals by climate division, West 1.05 inches, Central 0.78 inches, Bluegrass 0.41 inches and East 0.46 inches, which was 0.02, 0.22, 0.53 and 0.46 inches respectively below normal. By station, rainfall totals ranged from a low of 0.12 inches at Grayson to a high of 1.60 inches at Princeton.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL

FOR WEEK ENDING SUNDAY, APRIL 11, 7:00 P.M.

| Weather Station | Precipitation | | Deviation From Normal Since Jan. 1 | Temperatures | | | | | Air Temp. |
|-----------------|---------------|-------------|------------------------------------|----------------------|--------------------|------|---------|-----------|-----------------------|
| | Last Week | Since Jan 1 | | 4 In. High | Soil In. Grass Low | High | Air Low | Wkly. Avg | Deviation From Normal |
| | (Inches) | | | (Degrees Fahrenheit) | | | | | |
| Bardstown | 0.56 | 8.33 | -3.56 | 66 | 55 | 82 | 36 | 62.2 | +8 |
| Berea | 0.17 | 7.50 | -4.11 | 65 | 54 | 83 | 31 | 58.7 | +6 |
| Bowling Green | 0.52 | 7.98 | -6.65 | 65 | 54 | 87 | 36 | 62.2 | +8 |
| Bristol | 0.74 | 8.99 | -2.59 | 64 | 52 | 86 | 31 | 58.9 | +7 |
| Buckhorn Lake | 0.33 | 9.23 | -3.62 | 64 | 52 | 87 | 30 | 60.2 | +8 |
| Cape Girardeau | 1.13 | 11.17 | -1.70 | 65 | 54 | 79 | 37 | 62.4 | +6 |
| Campbellsville | 0.30 | 8.31 | -5.96 | 65 | 54 | 84 | 32 | 60.0 | +6 |
| Covington | 0.47 | 6.91 | -3.98 | 58 | 49 | 83 | 31 | 58.9 | +6 |
| Cumberland Gap | 0.81 | 11.16 | -3.72 | 65 | 54 | 89 | 32 | 60.4 | +8 |
| Dix Dam | 0.32 | 7.13 | -5.14 | 65 | 54 | 85 | 33 | 60.2 | +8 |
| Evansville | 0.86 | 8.97 | -2.99 | 65 | 54 | 83 | 36 | 61.6 | +5 |
| Glasgow | 0.46 | 10.11 | -4.67 | 65 | 54 | 84 | 35 | 61.1 | +7 |
| Grayson | 0.12 | 6.68 | -3.81 | 65 | 54 | 87 | 31 | 58.7 | +6 |
| Hardinsburg | 1.43 | 9.46 | -4.09 | 65 | 54 | 86 | 36 | 61.4 | +8 |
| Henderson | 0.86 | 8.70 | -3.74 | 65 | 54 | 83 | 35 | 61.1 | +5 |
| Huntington | 0.61 | 8.84 | -1.59 | 58 | 49 | 89 | 31 | 62.9 | +11 |
| Jackson | 0.44 | 10.04 | -2.69 | 65 | 54 | 89 | 36 | 63.6 | +11 |
| Lexington | 0.24 | 6.29 | -5.60 | 58 | 49 | 85 | 33 | 59.4 | +7 |
| London | 0.62 | 10.09 | -2.85 | 64 | 52 | 88 | 33 | 60.7 | +8 |
| Louisville | 1.06 | 7.04 | -5.33 | 66 | 55 | 87 | 39 | 63.0 | +9 |
| Mayfield | 0.96 | 8.65 | -6.98 | 65 | 54 | 82 | 33 | 62.0 | +6 |
| Nashville | 0.35 | 11.07 | -2.79 | 65 | 54 | 87 | 37 | 63.2 | +9 |
| Nolin Lake | 0.65 | 9.45 | -4.23 | 66 | 55 | 85 | 33 | 60.3 | +6 |
| Paducah | 0.90 | 10.50 | -3.43 | 59 | 54 | 80 | 37 | 61.9 | +6 |
| Princeton | 1.60 | 9.91 | -5.02 | 65 | 51 | 85 | 35 | 62.8 | +7 |
| Quicksand | 0.45 | 9.75 | -2.98 | 65 | 54 | 89 | 30 | 61.6 | +9 |
| Somerset | 0.31 | 8.43 | -5.25 | 64 | 52 | 87 | 31 | 60.4 | +8 |
| Spindletop | 0.25 | 5.10 | -6.79 | 58 | 49 | 84 | 36 | 60.9 | +8 |
| Williamstown | 0.99 | 8.07 | -3.46 | 65 | 54 | 83 | 32 | 59.6 | +7 |

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859)257-3000 ext 245. E-mail: priddy@uky.edu Additional Ky weather data available on Internet at: <http://www.gwax.ca.uky.edu/>